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| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br>(Only for new nonprovisional applications under 37 CFR 1.53(b)) | Attorney Docket No.    | 14226US02  |
|  | First Inventor         | Martin Lund  |
|  | Title                  | METHOD AND SYSTEM TO<br>PROVIDE WORD-LEVEL FLOW<br>CONTROL USING SPARE LINK<br>BANDWIDTH |
|  | Express Mail Label No. | EV 304937918 US  |

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| <b>APPLICATION ELEMENTS</b><br>See MPEP chapter 600 concerning utility patent application contents. | <b>ADDRESS TO:</b><br>Mail Stop Patent Application<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, VA 22313-1450 |
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| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br/>(Submit an original and a duplicate for fee processing)<br/>See 37 CFR 1.27.</p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>25</u>]<br/>(preferred arrangement set forth below)<br/>-Descriptive title of the invention<br/>-Cross Reference to Related Applications<br/>-Statement Regarding Fed sponsored R&amp;D<br/>-Reference to sequence listing, a table, or a computer<br/>program listing appendix<br/>-Background of the Invention<br/>-Brief Description of the Drawings (if filed)<br/>-Detailed Description<br/>-Claim(s)<br/>-Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>8</u>]</p> <p>5. Oath or Declaration [Total Sheets <u>3</u>]<br/>a. <input checked="" type="checkbox"/> Newly executed (original or copy)<br/>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/>(for continuation/divisional with Box 18 completed)<br/>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s)<br/>named in the prior application, see 37 CFR<br/>1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or<br/>Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission<br/>(if applicable, all necessary)<br/>a. <input type="checkbox"/> Computer Readable Form (CRF)<br/>b. Specification Sequence Listing on:<br/>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or<br/>ii. <input type="checkbox"/> Paper<br/>c. <input type="checkbox"/> Statements verifying identity of above copies</p> <p><b>ACCOMPANYING APPLICATION PARTS</b></p> <p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; documents(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement [Power of<br/>(when there is an assignee) Attorney]</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure [Copies of IDS<br/>Statement (IDS)/PTO-1449 Citations]</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br/>(Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br/>(if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)<br/>(2)(B)(i). Applicant must attach form PTO/SB/35 or<br/>its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p> |
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18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

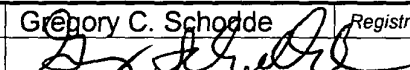
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information:

Examiner: \_\_\_\_\_ Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

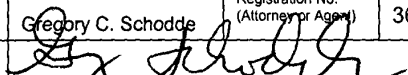
|   |  |   |  |           |                                   |   |                 |
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| <input checked="" type="checkbox"/> Customer Number: <b>23446</b> |  |   |  |           |                                   | <input type="checkbox"/> OR <input type="checkbox"/> Correspondence address below |                 |
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| Country   |  |   |  | Telephone | (312) 775-8000                    | Fax   | (312) 775-8100  |
| Name (Print/type)   |  | Gregory C. Schodde  |  |           | Registration No. (Attorney/Agent) |   | 36,668          |
| Signature   |  |  |  |           | Date                              |   | August 20, 2003 |

22386 U.S. PTO  
10/644204  
08/20/03

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| <b>FEE TRANSMITTAL</b><br><b>for FY 2003</b><br>Patent Fees are subject to annual revision. |  | <b>Complete if Known</b> |  |
| Application Number  |  | Unassigned               |  |
| Filing Date   |  | Herewith                 |  |
| First Named Inventor  |  | Martin Lund              |  |
| Examiner Name   |  | Unassigned               |  |
| Group Art Unit  |  | Unassigned               |  |
| TOTAL AMOUNT OF PAYMENT (\$)  |  | 1042.00                  |  |
| Attorney Docket No.   |  | 14226US02                |  |

| METHOD OF PAYMENT   | FEE CALCULATION (continued)  |                            |                       |  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
|---|--|----------------------------|-----------------------|--|-----------------|----------|------|-----|--------------------|--------|-------------------------------------|-----|------|-----|-------------------|----|--|-----|------|-----|------------------|-----|---------------------------|-----|------|-------|--------------------|-------|--|-----|------|------|------------------------|------|--|--------------|----------------|----------|-------------|--------|---|--------|------------------------------|-----|------|----|--|--|------|-----|-----------|-----------|---|-----------|-----------------|----------|------|-----|--|---|------------------------|-------|------|-----|---|----|-----------------------------------|-------|------|-----|--|-----|---------------------------------------|-----|------|-----|------------------|----|---|-----|------|-----|--|---|---|-----|---------------------------------------|-----|--------------------------|--|------|-------|------|------|---|--|------|-----|------|----|----------------------------------|--|------|-------|------|-----|------------------------------------|--|------|-------|------|-----|--------------------------------|--|------|-----|------|-----|------------------|--|------|-----|------|-----|-----------------|--|------|-----|------|-----|-------------------------------|--|------|----|------|----|-------------------------------------|--|------|-----|------|-----|---|--|------|----|------|----|--|-------|------|-----|------|-----|---|--|------|-----|------|-----|--|--|------|-----|------|-----|---|--|------|-----|------|-----|---|--|---------------------------|--|--|--|--|
| <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;">           Deposit Account Number: 13-0017<br/>           Deposit Account Name: McAndrews Held &amp; Malloy         </div> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17<br/> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:<br/> <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>   | <p><b>3. ADDITIONAL FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for <i>ex parte</i> reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>410</td> <td>2252</td> <td>205</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>930</td> <td>2253</td> <td>465</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>1,450</td> <td>2254</td> <td>725</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>1,970</td> <td>2255</td> <td>985</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>320</td> <td>2401</td> <td>160</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>320</td> <td>2402</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>280</td> <td>2403</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>1453</td> <td>1,300</td> <td>2453</td> <td>650</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1501</td> <td>1,300</td> <td>2501</td> <td>650</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>1502</td> <td>470</td> <td>2502</td> <td>235</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>1503</td> <td>610</td> <td>2503</td> <td>315</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> <td></td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td>40.00</td> </tr> <tr> <td>1809</td> <td>750</td> <td>2809</td> <td>375</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>1810</td> <td>750</td> <td>2810</td> <td>375</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>1801</td> <td>750</td> <td>2801</td> <td>375</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td></td> </tr> </tbody> </table> | Fee Code                   | Large Entity Fee (\$) | Small Entity Fee (\$)  | Fee Description | Fee Paid | 1051 | 130 | 2051               | 65     | Surcharge - late filing fee or oath |     | 1052 | 50  | 2052              | 25 | Surcharge - late provisional filing fee or cover sheet |     | 1053 | 130 | 1053             | 130 | Non-English specification |     | 1812 | 2,520 | 1812               | 2,520 | For filing a request for <i>ex parte</i> reexamination |     | 1804 | 920* | 1804                   | 920* | Requesting publication of SIR prior to Examiner action |              | 1805           | 1,840*   | 1805        | 1,840* | Requesting publication of SIR after Examiner action |        | 1251                         | 110 | 2251 | 55 | Extension for reply within first month |  | 1252 | 410 | 2252      | 205       | Extension for reply within second month |           | 1253            | 930      | 2253 | 465 | Extension for reply within third month |   | 1254                   | 1,450 | 2254 | 725 | Extension for reply within fourth month |    | 1255                              | 1,970 | 2255 | 985 | Extension for reply within fifth month |     | 1401                                  | 320 | 2401 | 160 | Notice of Appeal |    | 1402  | 320 | 2402 | 160 | Filing a brief in support of an appeal |   | 1403  | 280 | 2403                                  | 140 | Request for oral hearing |  | 1451 | 1,510 | 1451 | 1510 | Petition to institute a public use proceeding |  | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable |  | 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional |  | 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) |  | 1502 | 470 | 2502 | 235 | Design issue fee |  | 1503 | 610 | 2503 | 315 | Plant issue fee |  | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |  | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) |  | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt |  | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | 40.00 | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR 1.129(b)) |  | 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) |  | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |  | Other fee (specify) _____ |  |  |  |  |
| Fee Code  | Large Entity Fee (\$)  | Small Entity Fee (\$)      | Fee Description       | Fee Paid   |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1051  | 130  | 2051                       | 65                    | Surcharge - late filing fee or oath  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1052  | 50   | 2052                       | 25                    | Surcharge - late provisional filing fee or cover sheet                     |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1053  | 130  | 1053                       | 130                   | Non-English specification  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1812  | 2,520  | 1812                       | 2,520                 | For filing a request for <i>ex parte</i> reexamination                     |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1804  | 920*   | 1804                       | 920*                  | Requesting publication of SIR prior to Examiner action                     |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1805  | 1,840*   | 1805                       | 1,840*                | Requesting publication of SIR after Examiner action                        |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1251  | 110  | 2251                       | 55                    | Extension for reply within first month                                     |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1252  | 410  | 2252                       | 205                   | Extension for reply within second month                                    |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1253  | 930  | 2253                       | 465                   | Extension for reply within third month                                     |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1254  | 1,450  | 2254                       | 725                   | Extension for reply within fourth month                                    |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1255  | 1,970  | 2255                       | 985                   | Extension for reply within fifth month                                     |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1401  | 320  | 2401                       | 160                   | Notice of Appeal   |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1402  | 320  | 2402                       | 160                   | Filing a brief in support of an appeal                                     |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1403  | 280  | 2403                       | 140                   | Request for oral hearing   |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1451  | 1,510  | 1451                       | 1510                  | Petition to institute a public use proceeding                              |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1452  | 110  | 2452                       | 55                    | Petition to revive - unavoidable   |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1453  | 1,300  | 2453                       | 650                   | Petition to revive - unintentional   |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1501  | 1,300  | 2501                       | 650                   | Utility issue fee (or reissue)   |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1502  | 470  | 2502                       | 235                   | Design issue fee   |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1503  | 610  | 2503                       | 315                   | Plant issue fee  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1460  | 130  | 1460                       | 130                   | Petitions to the Commissioner  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1807  | 50   | 1807                       | 50                    | Processing fee under 37 CFR 1.17(q)  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1806  | 180  | 1806                       | 180                   | Submission of Information Disclosure Stmt                                  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 8021  | 40   | 8021                       | 40                    | Recording each patent assignment per property (times number of properties) | 40.00           |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1809  | 750  | 2809                       | 375                   | Filing a submission after final rejection (37 CFR § 1.129(a))              |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1810  | 750  | 2810                       | 375                   | For each additional invention to be examined (37 CFR 1.129(b))             |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1801  | 750  | 2801                       | 375                   | Request for Continued Examination (RCE)                                    |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1802  | 900  | 1802                       | 900                   | Request for expedited examination of a design application                  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| Other fee (specify) _____   |  |                            |                       |  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| <p><b>1. BASIC FILING FEE</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>750</td> <td>2001</td> <td>375</td> <td>Utility filing Fee</td> <td>750.00</td> </tr> <tr> <td>1002</td> <td>330</td> <td>2002</td> <td>165</td> <td>Design filing Fee</td> <td></td> </tr> <tr> <td>1003</td> <td>520</td> <td>2003</td> <td>260</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1004</td> <td>750</td> <td>2004</td> <td>375</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> </tbody> </table> <p style="text-align: right;"><b>SUBTOTAL (1) (\$)</b> 750.00</p> <p><b>2. EXTRA CLAIM FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>34 - 20** =</td> <td>14 x</td> <td>18 =</td> <td>252.00</td> </tr> <tr> <td>Independent Claims 3 - 3** =</td> <td>0 x</td> <td></td> <td>0</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td>0</td> </tr> </tbody> </table> <p><b>Large Entity Small Entity Fee Fee Fee Fee Fee Description</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Code (\$)</th> <th>Code (\$)</th> <th>Code (\$)</th> <th>Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201</td> <td>84</td> <td>2201</td> <td>42</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203</td> <td>280</td> <td>2203</td> <td>140</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>1204</td> <td>84</td> <td>2204</td> <td>42</td> <td>**Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> <td>**Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> </tbody> </table> <p style="text-align: right;"><b>SUBTOTAL (2) (\$)</b> 252.00</p> | Large Entity Fee Code (\$)   | Small Entity Fee Code (\$) | Fee Description       | Fee Paid   | 1001            | 750      | 2001 | 375 | Utility filing Fee | 750.00 | 1002                                | 330 | 2002 | 165 | Design filing Fee |    | 1003   | 520 | 2003 | 260 | Plant filing fee |     | 1004                      | 750 | 2004 | 375   | Reissue filing fee |       | 1005   | 160 | 2005 | 80   | Provisional filing fee |      | Total Claims   | Extra Claims | Fee from below | Fee Paid | 34 - 20** = | 14 x   | 18 =  | 252.00 | Independent Claims 3 - 3** = | 0 x |      | 0  | Multiple Dependent                     |  |      | 0   | Code (\$) | Code (\$) | Code (\$)                               | Code (\$) | Fee Description | Fee Paid | 1202 | 18  | 2202                                   | 9 | Claims in excess of 20 |       | 1201 | 84  | 2201                                    | 42 | Independent claims in excess of 3 |       | 1203 | 280 | 2203                                   | 140 | Multiple dependent claim, if not paid |     | 1204 | 84  | 2204             | 42 | **Reissue independent claims over original patent |     | 1205 | 18  | 2205                                   | 9 | **Reissue claims in excess of 20 and over original patent |     | <p><b>SUBTOTAL (3) (\$)</b> 40.00</p> |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| Large Entity Fee Code (\$)  | Small Entity Fee Code (\$)   | Fee Description            | Fee Paid              |  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1001  | 750  | 2001                       | 375                   | Utility filing Fee   | 750.00          |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1002  | 330  | 2002                       | 165                   | Design filing Fee  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1003  | 520  | 2003                       | 260                   | Plant filing fee   |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1004  | 750  | 2004                       | 375                   | Reissue filing fee   |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1005  | 160  | 2005                       | 80                    | Provisional filing fee   |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| Total Claims  | Extra Claims   | Fee from below             | Fee Paid              |  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 34 - 20** =   | 14 x   | 18 =                       | 252.00                |  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| Independent Claims 3 - 3** =  | 0 x  |                            | 0                     |  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| Multiple Dependent  |  |                            | 0                     |  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| Code (\$)   | Code (\$)  | Code (\$)                  | Code (\$)             | Fee Description  | Fee Paid        |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1202  | 18   | 2202                       | 9                     | Claims in excess of 20   |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1201  | 84   | 2201                       | 42                    | Independent claims in excess of 3  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1203  | 280  | 2203                       | 140                   | Multiple dependent claim, if not paid                                      |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1204  | 84   | 2204                       | 42                    | **Reissue independent claims over original patent                          |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1205  | 18   | 2205                       | 9                     | **Reissue claims in excess of 20 and over original patent                  |                 |          |      |     |                    |        |                                     |     |      |     |                   |    |  |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |              |                |          |             |        |   |        |                              |     |      |    |  |  |      |     |           |           |   |           |                 |          |      |     |  |   |                        |       |      |     |   |    |                                   |       |      |     |  |     |                                       |     |      |     |                  |    |   |     |      |     |  |   |   |     |                                       |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |

| SUBMITTED BY      |   | Complete (if applicable)             |                 |
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